

(1) Are we required to conduct any structural and seismic analysis for the installation of new roof top HVAC units?

Neither of these will be required.

(2) Would like to confirm if we can utilize existing curb for the new HVAC units, as it is allowed under the project Statement of Work, Paragraph 2 of the New Air Conditioner Section.

This is outlined in the updated Statement of Work in the Appendix section.

(3) Does FAA have a stop work requirement on work on the roof of the Redmond ATCT in accordance to recorded sustained wind speed or wind gust ?

The COTR/RE on site has the ability to stop work if conditions on site if deemed hazardous to FAA facilities. This possibility should be addressed as a precaution in pre-shift safety meetings.

(4) Would like to clarify that the smoke detector will be tied into the digital thermostat for unit control/shut down. It was discussed during the conference but wasn't too clear about this.

New smoke detector shall be wired to the new digital thermostats, provide a command for both units to shutdown in the event of an alarm.

(5) What is the voltage and amperage of the existing HVAC units?

The current units are 3 phase, 90 amp fuse disconnects at 208 volts.

TRANE HVAC Info

Item	Tag(s)	Qty	Description	Model Number
A1	No Tag	1	3-10Ton R-410 Packaged Heat Pump	WSC072E3RKA--D00000000000

Product Data - 3-10Ton R-410 Packaged Heat Pump

Item: A1 Qty: 1

DX Heat Pump w/ Electric Heat
R-410a Refrigerant
208V/230V/3 Electrical
27 kW Electric Heater
Economizer w/ Dry Bulb Controls
Barometric Relief
14" Standard Flat Roof Curb (Fld)
Programmable Thermostat (Fld)

(6) The existing roof mounted horizontal return air and supply air ducts
Have sound traps installed. The new duct design indicates 24" flexible supply air ducting
With no added sound traps and I'm assuming the return air duct drops are intended to
go straight down and penetrate the pan deck and stop(ceiling space acting as a plenum).
Will this be a potential sound issue for the occupants in the cab?

The question in concern for noise is appreciated. While, the new unit should attach to the existing acoustic lining and progress to the flexible ductwork, no additional lining will be necessary per our specifications beyond this point.